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Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known	
	Application Number	10/693,135
	Filing Date	October 24, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2611
	Examiner Name	PATEL, Jayanti K.
Date:	December 4, 2006	
Sheet 1 of 1	Attorney Docket Number	PD-201062

U.S. PATENT DOCUMENTS

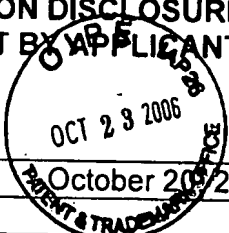
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./		US-6,369,648	04-2002	Kirkman, George F.	
/E.B./		US-6,477,398	11-2002	Mills, Randell L.	
/E.B./		US-3,076,180	01-1963	Havens et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature	/Emmanuel Bayard/	Date Considered	06/15/2007
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Substitute for form PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application Number	10/693,135
		Filing Date	10-24-2003
		First Named Inventor	Ernest Chen
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	October 20, 2006		
Sheet 1 of 1	Attorney Docket Number	PD-201062	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./		US-2002/006795	01-2002	Norin et al.	
/E.B./		US-6,333,924	12-2001	Porcelli et al.	
/E.B./		US-2001/012322	08-2001	Nagaoka et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
/E.B./		WO 2005/086444	09-2005	Thomson Licensing S.A.		
/E.B./		WO 2005/074171	08-2005	Qualcomm Incorporated		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
/E.B./		THE AUTHORITATIVE DICTIONARY OF IEEE STANDARDS TERMS; Seventh Edition, pp. 1047 – definition of "signal"	

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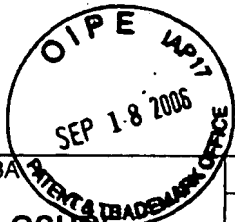
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/693,135
	Filing Date	October 24, 2003
	First Named Inventor	Ernest Chen
	Art Unit	2611
	Examiner Name	BAYARD, Emmanuel
Date: February 22, 2007		
Sheet 1 of 1	Attorney Docket Number	PD-201062

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./	1	US-6,522,683	02-2003	Smee et al.	
↓	2	US-7,161,931	01-2007	Li et al.	
	3	US-6,956,841	10-2005	Stahle et al.	
	4	US-6,049,566	04-2000	Saunders et al.	
	5	US-2002/0136327	09-2002	El-Gamal et al.	
	6	US-7,154,958	12-2006	Dabak et al.	
↓	7	US-2003/0194022	10-2003	Hammons et al.	
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/E.B./	9	US-2002/0051435	05-2002	Giallorenzi et al.	

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Substitute for form PTO/SB/08A

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Application Number	10/693,135
Filing Date	10-24-2003
First Named Inventor	Ernest C. Chen
Art Unit	2611
Examiner Name	PATEL, Jayanti K.

Date: September 13, 2006

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		US-2006/0056541	03-2006	Chen et al.	
/E.B./		US-5,577,067	11-1996	Zimmerman	

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/E.B./		CHEN, ERNEST et al.; "DVB-S2 Backward-Compatible Modes: A Bridge Between the Present and the Future"; International Journal of Satellite Communications and Networking; Volume 22, Issue 3, pages 341-365; published 2004 by John Wiley & Sons, Ltd.	

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**INFORMATION DISCLOSURE
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Date **July 19, 2006**Sheet **1** of **4****Complete if Known**

Application Number	10/693,135
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First Named Inventor	Ernest C. Chen
Art Unit	2611
Examiner Name	BAYARD, Emmanuel

Attorney Docket Number	PD-201062
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		US-5,940,025	08-1999	Koehnke et al.	
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/E.B./		US-6,021,159	02-2000	Nakagawa	

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	Art Unit	2611
Date: July 19, 2006	Examiner Name	BAYARD, Emmanuel
Sheet 2 of 4	Attorney Docket Number	PD-201062

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/E.B./		US-5,221,908	06-1993	Katz et al.	

Examiner Signature	/Emmanuel Bayard/	Date Considered	06/15/2007
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	Art Unit	2611
Date: July 19, 2006	Examiner Name	BAYARD, Emmanuel
Sheet 3 of 4	Attorney Docket Number	PD-201062

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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↓		US-4,878,030	10-1989	Vincze	
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↓		US-6,018,556	01-2000	Janesch et al.	
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/E.B./		US-6,411,659	06-2002	Liu et al.	

Examiner Signature	/Emmanuel Bayard/	Date Considered	06/15/2007
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		Filing Date	10-24-2003
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	BAYARD, Emmanuel
Date:	July 19, 2006		
Sheet 4 of 4	Attorney Docket Number	PD-201062	

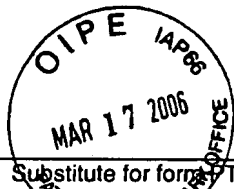
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		EP 0222076	08-1986	Ketterling et al.		
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NON PATENT LITERATURE DOCUMENTS			
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/E.B./		WOLCOTT, TED J. ET AL.; "Uplink-Noise Limited Satellite Channels"; IEEE 1995; pages 717-721; XP-00580915	
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Substitute for form TO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Date: March 13 2006

Sheet 1 of 1

Application Number 10/693,135
 371(c) Filing Date October 24, 2003
 First Named Inventor Ernest C. Chen
 Art Unit 2631
 Examiner Name GHAYOUR, Mohammad H.

Attorney Docket Number PD-201062

U.S. PATENT DOCUMENTS

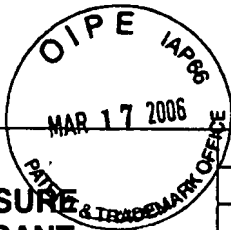
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		US-6,535,497	03-2003	Raith, Alex Krister	
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		US-4,253,184	02-1981	Gitlin et al.	
		US-5,233,632	08-1993	Baum et al.	
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/E.B./		US-3,878,468	04-1975	Falconer et al.	

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/E.B./		WO 99/20001	04-1999	Silberger et al.		

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Substitute for form PTO/SB/08B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/693,135
Filing Date	October 24, 2003
First Named Inventor	Ernest C. Chen
Art Unit	2631
Examiner Name	GHAYOUR, Mohammad H.

Date: March 13, 2006

Sheet 1 of 1

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/E.B./		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 212-213 and 217-218; XP002364874	
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/E.B./		FANT, T. et al.; "Fourth-Power Law Clock Recovery with Prefiltering"; Proceedings of the International Conference on Communications (ICC); Geneva; May 23-26, 1993; New York; IEEE; US; Vol. 3; 23 May 1993; pages 811-815 XP010137089, ISBN: 0-7803-0950-2; Section I, Introduction	

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PTO/SB/08A (08-03)

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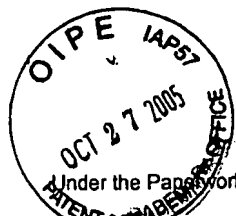
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/E.B./		US-5,581,229	12-3-1996	Hunt, Paul C.	
/E.B./		US-6,008,692	12-28-1999	Escartin, Marko	
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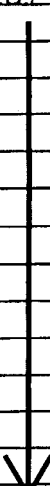
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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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	Application Number	10/693,135
	Filing Date	October 24, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2631
	Examiner Name	Mohammed H. Ghayour
Sheet 2 of 3	Attorney Docket Number	PD-201062

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
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